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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known Application Number: 09/724,940 Filing Date: November 28, 2000 First Named Inventor: Schenk, Dale B. Group Art Unit: 4774 ICH Examiner Name: Unassigned NICHOLS Attorney Docket Number: 16270J-004751US		
Sheet	1	of	15		

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
ESM	200	09/441,140		Selman et al.	11-10-1999	
	202	09/480,887		Chen	N/A	
	305	09/404,001		Holtzman et al.	N/A	
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	267	6,294,171	B2	McMichael	09-25-2001	
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	1	6,057,387		Stamler et al.	05-02-2000	
	221	5,989,588		Cobb et al.	11-23-1999	
	2	5,958,883		Snow	09-28-1999	
	3	5,955,317		Suzuki et al.	09-21-1999	
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Examiner Signature: <i>G. Mice</i>	Date Considered: 10/31/03
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 15

Complete if Known

Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Group Art Unit	1771 KA
Examiner Name	Unassigned Nichols
Attorney Docket Number	15270J-004751US

19	5,641,474	—	Hafler et al.	06-24-1997	
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		Office ²	Number ⁴	Kind Code ⁵ (if known)				
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	37	EP	863 211	A1		09-09-1998		
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	48	EP	508 785	B1		03-15-2000		

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Date
Considered

10/31/03

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Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Group Art Unit	4774 Kaff
Examiner Name	Unassigned Nicholas
Attorney Docket Number	15270J-004751US

Sheet 3 of 15

49	EP	451 700	A1	10-18-1991	
50	EP	440 819	B1	01-24-1998	
51	EP	359 783	B1	11-29-1995	
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199	PCT	00/77178	A1	12-21-2000	
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188	PCT	00/43049	A1	07-27-2000	
53	PCT	99/60024	A1	11-26-1999	
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75	PCT	93/15760	A1	08-19-1993	

Examiner Signature	<i>G. Linder</i>	Date Considered	10/31/03
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/724,940
				Filing Date	November 28, 2000
				First Named Inventor	Schenk, Dale B.
				Group Art Unit	4774 1647
				Examiner Name	Unassigned NICHOLS
Sheet	4	of	15	Attorney Docket Number	15270J-004751US

76	PCT	93/14200	A1		07-22-1993
205	PCT	93/04194	A1		03-04-1993
77	PCT	93/02189	A1		02-04-1993
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82	PCT	91/18819	A1		11-14-1991
83	PCT	91/12816	A1		09-05-1991
84	PCT	91/08760	A1		08-27-1991
85	PCT	90/12871	A1		11-01-1990
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87	PCT	89/01343	A1		02-23-1989
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90	PCT	89/03687	A1		05-05-1989
91	PCT	88/10120	A1		12-29-1988
92	GB	2 220 211	A		01-04-1990
93	GB	2 335 192	A		09-15-1990

Examiner Signature	<i>G. Mielke</i>	Date Considered	10/31/03
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>09/724,940</td> </tr> <tr> <td>Filing Date</td> <td>November 28, 2000</td> </tr> <tr> <td>First Named Inventor</td> <td>Schenk, Dale B.</td> </tr> <tr> <td>Group Art Unit</td> <td>4774-1647</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned- NICHOLS</td> </tr> <tr> <td>Attorney Docket Number</td> <td>15270J-004751US</td> </tr> </table>		Application Number	09/724,940	Filing Date	November 28, 2000	First Named Inventor	Schenk, Dale B.	Group Art Unit	4774-1647	Examiner Name	Unassigned- NICHOLS	Attorney Docket Number	15270J-004751US
Application Number	09/724,940														
Filing Date	November 28, 2000														
First Named Inventor	Schenk, Dale B.														
Group Art Unit	4774-1647														
Examiner Name	Unassigned- NICHOLS														
Attorney Docket Number	15270J-004751US														
Sheet	5	of	15												

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
C8	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?," <u>Neurology</u> , 45:1441-1445 (1995).	<input type="checkbox"/>
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <u>The Boston Globe</u> (4/13/95).	<input type="checkbox"/>
	178	BARD et al., "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <u>Nature Medicine</u> , 6(8):916-919 (2000).	<input type="checkbox"/>
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <u>J. Mol. Biol.</u> , 225(4): 1075-1093 (1992).	<input type="checkbox"/>
	98	BAUER et al., "Interleukin-6 and α -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <u>FEBS Letters</u> , 285(1):111-114 (1991).	<input type="checkbox"/>
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," Reuters, April 20, 2001 7:58 PM ET.	<input type="checkbox"/>
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <u>Eur. J. Immunol.</u> , 29:345-354 (1999).	<input type="checkbox"/>
	212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," <u>Soc. for Neuroscience Abstracts</u> 18:764 (1992).	<input type="checkbox"/>
	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," <u>New England J. Medicine</u> , 341(22):1694 (1999).	<input type="checkbox"/>
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V	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," <u>Neuron</u> , 19: 939-945 (1997).	<input type="checkbox"/>
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	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <u>Clin. Neuropharm.</u> , 15:414A-414B (1992).	<input type="checkbox"/>
C8	224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, <u>Humanized Anti-Vaccines (Mercury in Plasma-Derived Products)</u> , web site contents found at: http://www.fda.gov/cber/vaccine/humanized.htm , last updated May 16, 2002.	<input type="checkbox"/>

Examiner Signature		Date Considered	10/31/03
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		First Named Inventor	Schenk, Dale B.
		Group Art Unit	4771-1647
		Examiner Name	Unassigned- NICHOLS
		Attorney Docket Number	15270J-004751US
Sheet	6	of	15

102	CHAO et al., "Transforming Growth Factor- β Protects human Neurons Against β -Amyloid-Induced Injury," <i>Soc. Neurosci. Abstracts</i> , 19:513.7 (1993).	<input type="checkbox"/>
266	CHAPMAN, PAUL F., "Model behavior," <i>Nature</i> , 408:915-918 (2000).	
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280	CORDELL, B., " β -Amyloid formation as a potential therapeutic target for Alzheimer's disease," <i>Ann. Rev. Pharmacol. Toxicol.</i> , 34:89-89 (1994).	
287	COSTA et al., "Immunoassay for transthyretin variants associated with amyloid neuropathy," <i>Scand. J. Immunol.</i> , 38:177-182 (1993).	
283	DALY, et al., "Detection of the membrane-retained carboxy-terminal tail containing polypeptides of the amyloid precursor protein in tissue from Alzheimer's Disease brain," <i>Life Sci.</i> , 63:2121-2131 (1998).	
214	DEMATTOS et al., "Peripheral Anti A β Antibody Alters CNS And Plasma A β Clearance and Decreases Brain A β Burden in a Mouse Model of Alzheimer's Disease," <i>Proc. Natl. Acad. Sci. USA</i> , 10,1073/pnas,151281398 (2001).	
289	Dialog/Derwent, Abstract of WPI Acc-No: 1997-054561/199706, Stable vaccine compns. - comprises a macrocyclic lactone, a milbemycin, an avermectin, an antigen, a dispersing agent, an adjuvant, a water-sol. organic solvent and saline or water, Derwent Elle 2641-Derwent WPI database. (Publication date unknown.)	
103	DUFF et al., "Mouse model made," <i>Nature</i> , 373: 476-477 (1995).	
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CONS. DERENT; DO NOT PRINT.

Examiner Signature		Date Considered	10/31/03
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		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Group Art Unit	477-1647
		Examiner Name	Unassigned NICHOLS
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		Attorney Docket Number	15270J-004751US

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,940
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Group Art Unit	1774-1647
		Examiner Name	Unassigned NICHOLS
Sheet 8 of 15	Attorney Docket Number	15270J-004751US	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,940
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Group Art Unit	1774-1147
		Examiner Name	Unassigned NICHOLS
		Attorney Docket Number	15270J-004751US
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,940
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Group Art Unit	1771 (047)
		Examiner Name	Unassigned NICHOLS
		Attorney Docket Number	15270J-004751US
Sheet	10	of	15

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		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Group Art Unit	1771
		Examiner Name	Unassigned
		Attorney Docket Number	15270J-004751US
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Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Group Art Unit	1774-1048
Examiner Name	Unassigned DUCHES
Attorney Docket Number	15270J-004751US

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CONSIDERED; DO NOT PRINT.

Examiner Signature	<i>G. Nichols</i>	Date Considered	10/31/03
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,940
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Group Art Unit	7771-1647
		Examiner Name	Unassigned NICHOLS
Sheet 13 of 15	Attorney Docket Number	15270J-004751US	

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Examiner Signature		Date Considered	10/31/03
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,940
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Group Art Unit	1771 1644
		Examiner Name	Unassigned NICHOLS
Sheet 14 of 15	Attorney Docket Number	15270J-004751US	

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Examiner Signature		Date Considered	10/31/03
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,940
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Group Art Unit	4771 /CHP
		Examiner Name	Unassigned - D/CHOUS
Sheet 15 of 15	Attorney Docket Number	15270J-004751US	

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Examiner Signature		Date Considered	10/31/03
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Sheet 1 of 1

Complete if Known

Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1771 K47
Examiner Name	Not yet assigned NICHOLS
Attorney Docket Number	15270J-004751US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear ²
		Number Kind Code ³ (if known)			
CN	243	US 60/168,594			

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ⁵	Number ⁴	Kind Code ⁶ (if known)				
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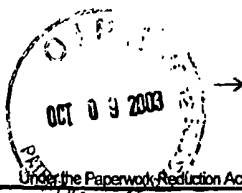
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






























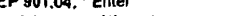
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Sheet 1 of 7

Complete If Known

Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

U.S. PATENT DOCUMENTS

CITED PATENT DOCUMENTS					
Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	360	2003/0073655 A1	04-17-2003	Chain	
	370	2003/0068325 A1	04-10-2003	Wang	
	378	2002/0197258 A1	12-26-2003	Ghanbari et al.	
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**INFORMATION DISCLOSURE
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Sheet 2

of

7

Complete if known

Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
g	305	00/724,942	11-28-2000	Ghalifour et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
g	343	EP	1 172 378	A1	01-16-2002			
	351	WO	02/34878	A2	05-02-2002			
	352	WO	02/34777	A1	05-02-2002			
	341	WO	02/03911	A2	04-07-2001			
	344	WO	01/90182	A2	11-29-2001			
	348	WO	01/77167	A2	10-18-2001			
	322	WO	00/72880	A2, A3	12-07-2000			
	323	WO	00/72876	A2, A3	12-07-2000			
	324	WO	00/72870	A1	12-07-2000			
g	331	WO	99/06545	A2	11-02-1999			
g	383	WO	97/10505	A1	03-20-1997			

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		Application Number	09/724,940		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	November 28, 2000		
		First Named Inventor	Schenk, Dale B.		
		Art Unit	1647		
		Examiner Name	Christopher J. Nichols		
Sheet	3	of	7	Attorney Docket Number	15270J-004751US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	391	AGUZZI et al., "Prion research: the next frontiers," <u>Nature</u> , 389:795-798 (1997).	—
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Examiner Signature		Date Considered	10/31/03
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Sheet

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Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

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		First Named Inventor	Schenk, Dale B.
		Art Unit	1647
		Examiner Name	Christopher J. Nichols
		Attorney Docket Number	15270J-004751US

Sheet 5 of 7

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Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

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		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Art Unit	1647
		Examiner Name	Christopher J. Nichols
		Attorney Docket Number	15270J-004751US

Sheet	7	of	7
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<input checked="" type="checkbox"/>	339	TENNENT et al., "Serum amyloid P component prevents proteolysis of the amyloid fibrils of Alzheimer's disease and systemic amyloidosis," <u>PNAS</u> , 92:4299-4303 (1995).	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	375	TSUZUKI et al., "Amyloid β protein in rat soleus in choroquine-induced myopathy using end-specific antibodies for A β 40 and A β 42: Immunohistochemical evidence for amyloid β protein," <u>Neuroscience Letters</u> , 2002:77-80 (1995).	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	317	VEHMAS, et al. beta-Amyloid peptide vaccination results in marked changes in serum and brain Abeta levels in APPsw/PS1 DeltaE9 mice, as detected by SELDI-TOF-based ProteinChip® technology. <u>DNA Cell Biol.</u> (11):713-21 (2001).	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	387	WELDON et al., "Neurotoxicity of A β Peptide: Confocal Imaging of Cellular Changes Induced by - Amyloid in Rat CNS <i>In Vivo</i> ," <u>Society for Neuroscience Abstracts</u> , 22(Part 1) (1996).	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	385	WISNIEWSKI et al., "Therapeutics in Alzheimer's and Prion Diseases," <u>Biochemical Society Transactions</u> , 30(4):-574-587 (2002).	<input checked="" type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>

Examiner Signature		Date Considered	10/31/03
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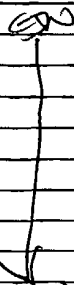

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Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

U.S. PATENT DOCUMENTS

		Document Number			
Examiner	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CJN	442	6,713,450 B2	03-30-2004	Frangione et al.	
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	431	2003/0165496 A1	09-04-2003	Basi et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	433	WO	03/020212	A2	03-13-2003			
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	443	WO	03/074081	A1	09-12-2003			
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	454	WO	98/33815	A1	08-061998			
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	458	WO	02/060481	A1	08-08-2002			

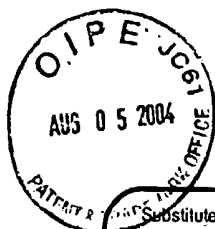
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Sheet 2 of 8

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Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

517	WO	94/05311	A1	03-17-1994			
518	WO	95/23166	A1	08-31-1995			
519	WO	00/26238	A2	05-11-2000			
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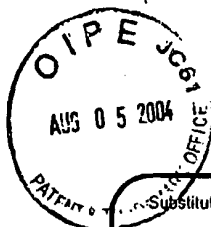
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Sheet 3 of 8

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First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	448	ANDREW et al., <i>Current Protocols in Immunology</i> , 2.7.1-2.9.8 (1997).	—
	484	ARENDIASH GW et al., "Behavioral assessment of Alzheimer's transgenic mice following long-term A β vaccination: Task specificity and correlations between A β deposition and spatial memory," <i>DNA and Cell Biology</i> , 20(11):737-744 (2001)	—
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Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

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Sheet 5 of 8

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Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

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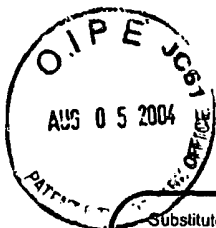
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Application Number	09/724,940
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004751US

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		First Named Inventor	Dale B. Schenk
		Art Unit	1647
		Examiner Name	Christopher J. Nichols
		Attorney Docket Number	15270J-004751US
Sheet	8	of	8

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